Form MS-3413-102-10

Parts List

(ILLUSTRATED)

MODEL

"6HF"

TYPE NOS. 109510 TO 109599

●

NOTICE

FILE IN SECTION 2 OF YOUR ENGINE SERVICE MANUAL.

●

This book is for your service manual only and not for customer use. Model "6HF" Operating and Maintenance Manuals--Form 27558--includes the same parts data for customer's use and are available at ten cents each.

ORIGINAL BRIGGS & STRATTON SERVICE PARTS ®

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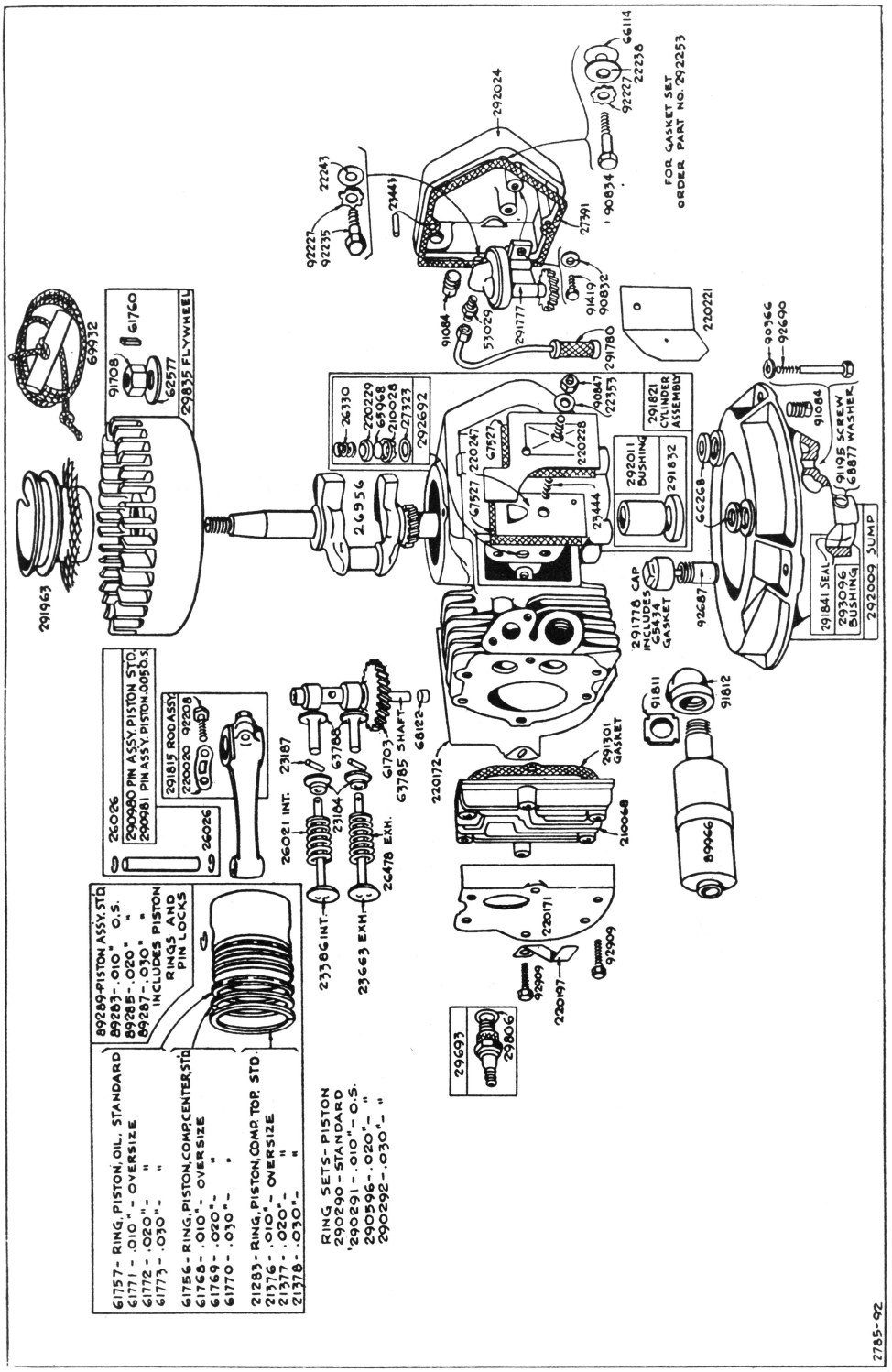
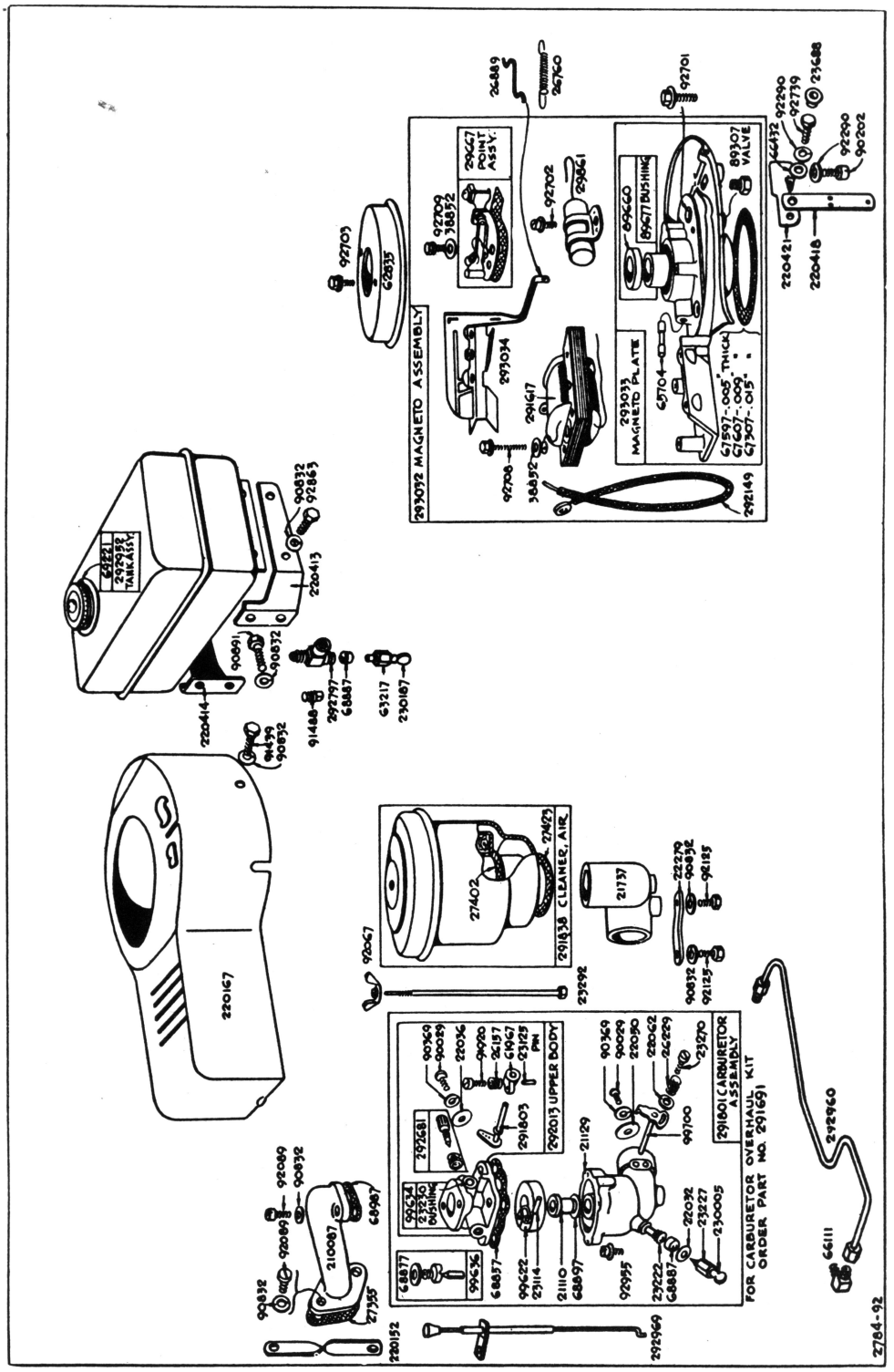
PARTS SECTION



CYLINDER, BASE, PISTON, CONNECTING ROD, CRANKSHAFT AND FLYWHEEL PARTS
Assemblies include all parts shown in frames

PARTS SECTION



FUEL SYSTEM, BLOWER CASE AND MAGNETO PARTS
Assemblies include all parts shown in frames

NUMERICAL PARTS LIST

MASTER PART No.	NAME	SHIPPING WEIGHT Lbs.	Oz.
21110	Venturi—Carburetor		1
21129	Body—Lower Carburetor		6
21283	Ring—Piston, Compression, Top—Standard		1
21376	Ring—Piston, Compression, Top—.010" O.S.		1
21377	Ring—Piston, Compression, Top—.020" O.S.		1
21378	Ring—Piston, Compression, Top—.030" O.S.		1
21737	Elbow—Air Cleaner		6
†22032	Washer—Needle Valve Packing		1
22036	Valve—Throttle		1
22050	Valve—Choke		1
22062	Washer—Choke Lever		1
22238	Washer—Cylinder Mounting		1
22243	Washer—Cylinder Mounting		1
22279	Brace—Air Cleaner Elbow		1
*22353	Washer—Valve Cover		1
†23114	Pin—Float Hinge		1
23125	Pin—Throttle Stop		1
23184	Retainer—Valve Spring		1
23187	Pin—Valve Spring Retainer		1
†23222	Nozzle—Carburetor		1
†23227	Nut—Needle Valve Packing		1
23230	Bushing—Throttle Shaft		1
23270	Screw—Choke Lever		1
23292	Bolt—Air Cleaner—6 5/16" long		2
23386	Valve—Intake		2
23443	Pin—Engine Base		1
23444	Stud—Valve Cover		1
23663	Valve—Exhaust		2
23688	Bushing—Control Lever		1
26021	Spring—Intake Valve		1
26026	Lock—Piston Pin		1
†26157	Spring—Throttle Adjustment		1
26229	Spring—Choke Lever		1
26330	Spring—Breather Retainer		1
26478	Spring—Exhaust Valve		1
26760	Spring—Governor		1
26889	Link—Governor		1
26956	Crankshaft	3	
27323	Gasket—Breather Body		1
*27355	Gasket—Intake Elbow Mounting		1
*27391	Gasket—Engine Base		1
27402	Gasket—Air Cleaner		1
27423	Gasket—Air Cleaner Mounting		1
	Note:* **No. 292252 Gasket Set Used on engines with plastic bowl air cleaner.		1
29667	Breaker Assembly—Ignition		2
29693	Plug—Spark—with Gasket		3
29806	Gasket—Spark Plug		1
29835	Flywheel—Magneto	6	
29861	Condenser		2
38852	Washer—Armature and Breaker Mounting		1
53029	Connector—Oil Pipe		1
61703	Gear—Cam	1	8
61756	Ring—Piston, Compression, Center—Standard		1
61757	Ring—Piston, Oil—Standard		1
61760	Key—Flywheel		1
61768	Ring—Piston, Compression, Center—.010" O.S.		1
61769	Ring—Piston, Compression, Center—.020" O.S.		1
61770	Ring—Piston, Compression, Center—.030" O.S.		1
61771	Ring—Piston, Oil—.010" O.S.		1
61772	Ring—Piston, Oil—.020" O.S.		1
61773	Ring—Piston, Oil—.030" O.S.		1
61967	Stop—Throttle Lever		1

† *Included in Carburetor Overhaul Kit — Part No. 291691.*
* *Included in Gasket Set — Part No. 292253.*

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT Lbs.	Oz.
62577	Washer—Flywheel		1
62835	Cover—Dust		4
63217	Nut—Needle Valve Packing		1
63785	Shaft—Cam		3
63788	Tappet—Valve		1
65434	Gasket—Filler Cap		1
65704	Plunger—Breaker Point		1
65968	Disc—Breather		1
66111	Connector—Fuel Pipe		1
*66114	Washer—Cylinder Mounting		1
66268	Seal—Oil		1
66432	Washer—Control Lever Mounting		1
*67307	Gasket—Magneto Plate—.015" thick		1
*67527	Gasket—Valve Cover		1
*67597	Gasket—Magneto Plate—.005" thick		1
*67607	Gasket—Magneto Plate—.009" thick		1
68122	Plug—Cam Shaft		1
†68857	Gasket—Carburetor Body		1
68877	Gasket—Fuel Inlet Valve Seat and Oil Hole Screw		1
†68887	Packing—Needle Valve		1
†68897	Gasket—Carburetor Venturi		1
*†68987	Gasket—Carburetor Mounting		1
69221	Cap—Fuel Tank		2
69932	Rope—Starter		6
89283	Piston Assembly—.010" O.S.		8
89285	Piston Assembly—.020" O.S.		8
89287	Piston Assembly—.030" O.S.		8
89289	Piston Assembly—Standard		8
89307	Valve—Oil Return		1
89660	Seal—Oil		1
89677	Bushing—Magneto		3
	Includes: **No. 89660** Seal—Oil		
89966	Muffler		8
90029	Screw—Machine, Rd. Hd.—4-36x¼"		1
90200	Screw—Machine, Fill. Hd.—8-32x½"		1
90202	Screw—Machine, Fill. Hd.—10-32x½"		1
90366	Washer—Lock—$\frac{5}{16}$x⅛x$\frac{1}{16}$"		1
90367	Washer—Lock—No. 8x$\frac{5}{64}$x$\frac{1}{32}$"		1
90369	Washer—Lock—No. 4x$\frac{3}{64}$x$\frac{1}{32}$"		1
90832	Washer—Lock—¼x$\frac{3}{32}$x$\frac{5}{64}$"		1
90834	Screw—Base Mounting		1
90847	Nut—Hex.—¼-28		1
90891	Screw—Cap, Hex. Hd.—¼-20x½"		1
91084	Plug—Pipe—⅜"		1
91195	Screw—Oil Filler		1
91419	Screw—Cap, Hex. Hd.—¼-20x⅝"		1
91439	Screw—Cap, Hex. Hd.—¼-20x⅜"		1
91488	Plug—Pipe, ⅛" Std., Sq. Hd.		1
91708	Nut—Flywheel		1
91811	Locknut—Exhaust Elbow		2
91812	Elbow—Exhaust		3
91920	Screw—Machine, Fill. Hd.—8-32x⅝"		1
92067	Nut—Wing		1
92089	Screw—Machine, Fill. Hd.—¼-20x¾"		1
92125	Screw—Cap, Hex. Hd.—¼-20x½"		1
92208	Screw—Connecting Rod		1
92227	Washer—Lock—Shakeproof No. 1120		1
92235	Screw—Base Mounting		1
92290	Washer—Lock—No. 10x$\frac{1}{16}$x$\frac{5}{64}$"		1
92687	Nipple—Oil Filler		3
92690	Screw—Oil Sump Mounting		1
92701	Screw—Magneto Mounting Sem		1
92702	Screw—Condenser Mounting Sem		1
92703	Screw—Dust Cover Mounting Sem		1

* *Included in Gasket Set — Part No. 292253.*

† *Included in Carburetor Overhaul Kit — Part No. 291691.*

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT Lbs.	Oz.
92708	Screw—Armature Mounting Sem		1
92709	Screw—Breaker Mounting Sem		1
92739	Screw—Self-Tapping, Hex. Hd.—10-32x½"		1
92863	Screw—Self-Tapping, Hex. Hd.—¼-28x⅝"		1
92909	Screw—Cylinder Head		1
92955	Screw—Throttle Housing Mounting Sem		1
99622	Float—Carburetor		3
99634	Body—Upper Carburetor		4
†99636	Valve and Seat—Fuel Inlet		1
99700	Shaft and Lever—Choke		2
210028	Body—Breather		1
210068	Head—Cylinder	1	
210087	Elbow—Intake		8
220020	Lock—Connecting Rod Screw		1
220152	Clip—Control Casing		1
220167	Housing—Blower		14
220171	Cover—Cylinder Head		4
220172	Shield—Cylinder		3
220197	Switch—Stop		1
220221	Shield—Carburetor		1
220228	Cover—Valve		6
220229	Cover—Breather		1
220247	Plate—Oil Baffle		1
220413	Bracket—Tank (Left Hand)		3
220414	Bracket—Tank (Right Hand)		3
220418	Lever—Governor Control		2
220421	Support—Governor Lever		2
†230005	Valve—Needle		1
230187	Valve—Fuel Shut-Off		1
290290	Ring Set—Standard Piston		3
290291	Ring Set—.010" O.S. Piston		3
290292	Ring Set—.030" O.S. Piston		3
290596	Ring Set—.020" O.S. Piston		3
290980	Pin—Assembly—Piston—Standard		2
290981	Pin Assembly—Piston—.005" O.S.		2
*291301	Gasket—Cylinder Head		1
291617	Armature—Magneto	1	2
291691	Carburetor Overhaul Kit		6
291777	Pump Assembly—Oil		8
291778	Cap Assembly—Oil Filler		3
291780	Pipe—Oil		3
291801	Carburetor Assembly	1	
291803	Shaft and Lever Assembly—Throttle		1
291815	Rod Assembly—Connecting		10
291821	Cylinder Assembly	14	
291832	Seal—Oil		1
291838	Cleaner Assembly—Air	1	
291841	Seal—Oil		1
291963	Starter Pulley with Screen		2
292009	Sump—Oil	3	8
292011	Bushing—Cylinder		3
292013	Body Assembly—Upper Carburetor		4
292024	Base—Engine	1	
292149	Cable—Ignition		2
292253	Gasket Set		4
†292681	Valve Assembly—Carburetor Idle		1
292692	Breather Assembly		2
292797	Outlet—Fuel Tank (includes strainer)		2
292952	Tank Assembly—Fuel	2	
292960	Pipe—Fuel—16½" long		4
293032	Magneto Assembly	4	
293033	Plate—Magneto	2	
293034	Blade—Governor		3
293096	Bushing—Oil Sump		3

† *Included in Carburetor Overhaul Kit — Part No. 291691.*
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